

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040120\  
 Data File : PL057724.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Apr 2020 15:51  
 Operator : AJ\MA  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 02 00:57:18 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031420.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 16 09:40:37 2020  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

|                             | Compound        | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml  | ng/ml   |
|-----------------------------|-----------------|-------|-------|---------|----------|--------|---------|
| -----                       |                 |       |       |         |          |        |         |
| System Monitoring Compounds |                 |       |       |         |          |        |         |
| 1)                          | SA Tetrachlo... | 3.461 | 3.957 | 519.8E6 | 106.9E6  | 56.080 | 49.268  |
| 28)                         | SA Decachlor... | 8.210 | 8.982 | 435.1E6 | 91945031 | 41.117 | 41.466  |
| Target Compounds            |                 |       |       |         |          |        |         |
| 2)                          | A alpha-BHC     | 3.899 | 4.344 | 898.6E6 | 165.3E6  | 56.413 | 51.477  |
| 3)                          | MA gamma-BHC... | 4.182 | 4.627 | 815.7E6 | 161.9E6  | 56.755 | 51.592  |
| 4)                          | MA Heptachlor   | 4.483 | 5.129 | 828.1E6 | 167.1E6  | 55.759 | 53.082  |
| 5)                          | MB Aldrin       | 4.731 | 5.431 | 758.6E6 | 160.6E6  | 54.995 | 52.657  |
| 6)                          | B beta-BHC      | 4.434 | 4.799 | 324.8E6 | 75359714 | 55.253 | 52.248m |
| 7)                          | B delta-BHC     | 4.638 | 5.014 | 790.9E6 | 145.7E6  | 56.350 | 55.643  |
| 8)                          | B Heptachlo...  | 5.174 | 5.816 | 682.9E6 | 157.3E6  | 53.282 | 57.657  |
| 9)                          | A Endosulfan I  | 5.511 | 6.170 | 617.7E6 | 144.1E6  | 51.950 | 50.645  |
| 10)                         | B gamma-Chl...  | 5.400 | 6.050 | 682.8E6 | 159.0E6  | 52.360 | 51.586  |
| 11)                         | B alpha-Chl...  | 5.458 | 6.121 | 665.1E6 | 159.0E6  | 51.470 | 51.072  |
| 12)                         | B 4,4'-DDE      | 5.622 | 6.280 | 628.6E6 | 143.0E6  | 50.467 | 50.326  |
| 13)                         | MA Dieldrin     | 5.755 | 6.426 | 647.4E6 | 147.8E6  | 51.330 | 49.983  |
| 14)                         | MA Endrin       | 6.012 | 6.643 | 575.8E6 | 120.8E6  | 50.373 | 50.074  |
| 15)                         | B Endosulfa...  | 6.285 | 6.853 | 534.7E6 | 120.5E6  | 49.228 | 45.859  |
| 16)                         | A 4,4'-DDD      | 6.138 | 6.768 | 506.4E6 | 113.2E6  | 51.664 | 49.551m |
| 17)                         | MA 4,4'-DDT     | 6.378 | 7.066 | 476.9E6 | 101.6E6  | 47.816 | 44.594  |
| 18)                         | B Endrin al...  | 6.453 | 6.977 | 442.0E6 | 102.7E6  | 47.856 | 46.198  |
| 19)                         | B Endosulfa...  | 6.666 | 7.200 | 488.8E6 | 110.4E6  | 48.676 | 45.244  |
| 20)                         | A Methoxychlor  | 6.923 | 7.524 | 246.1E6 | 57678043 | 45.869 | 44.348m |
| 21)                         | B Endrin ke...  | 7.156 | 7.667 | 544.9E6 | 109.3E6  | 48.210 | 42.224  |
| 22)                         | Mirex           | 7.344 | 8.117 | 372.1E6 | 78728798 | 45.940 | 41.229  |
| -----                       |                 |       |       |         |          |        |         |

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040120\  
Data File : PL057724.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 01 Apr 2020 15:51  
Operator : AJ\MA  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

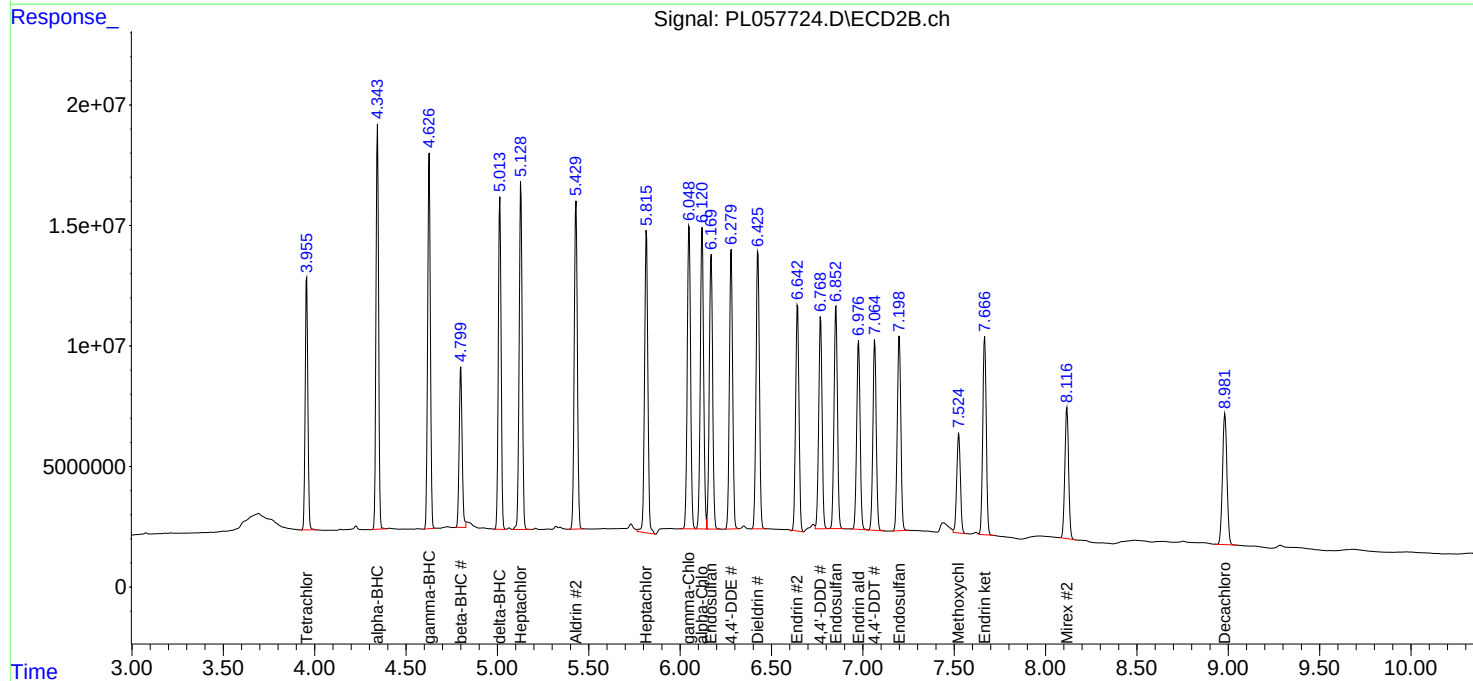
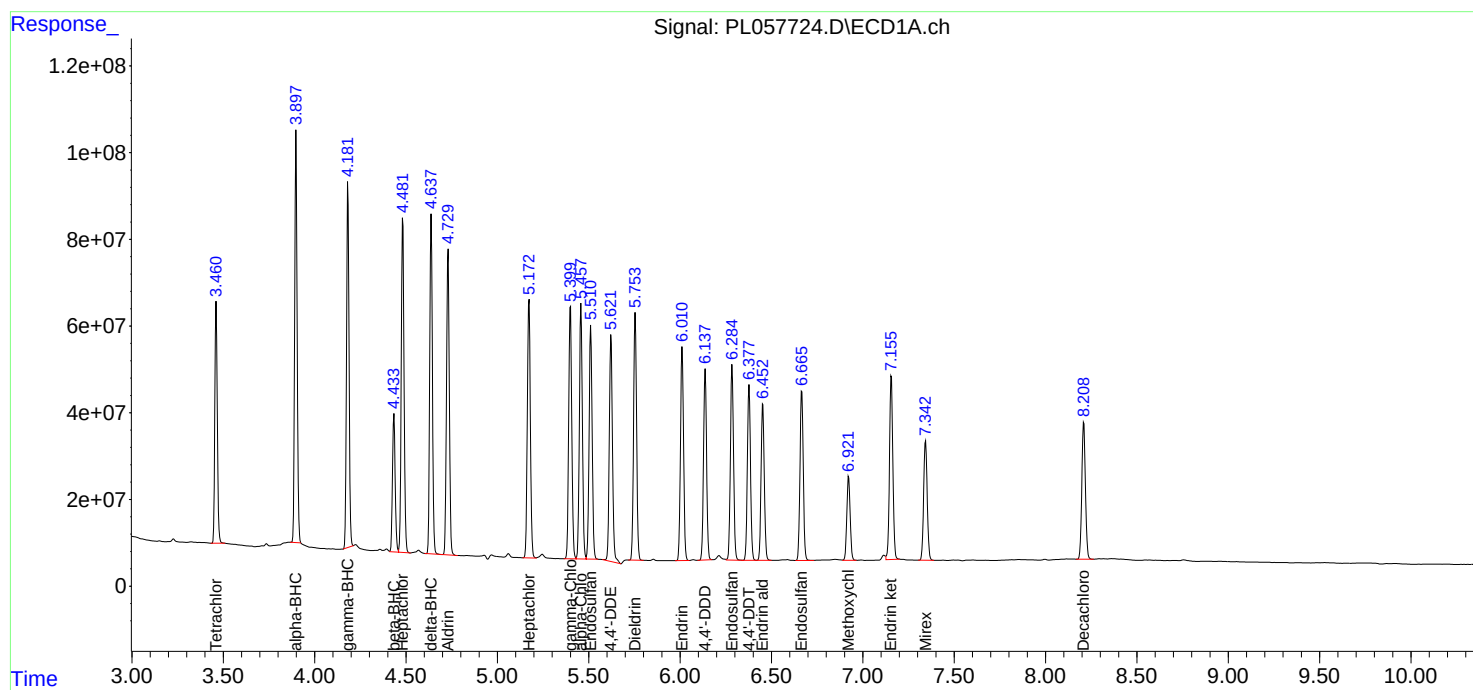
Instrument :  
ECD\_L  
ClientSampled :  
PSTDCCC050

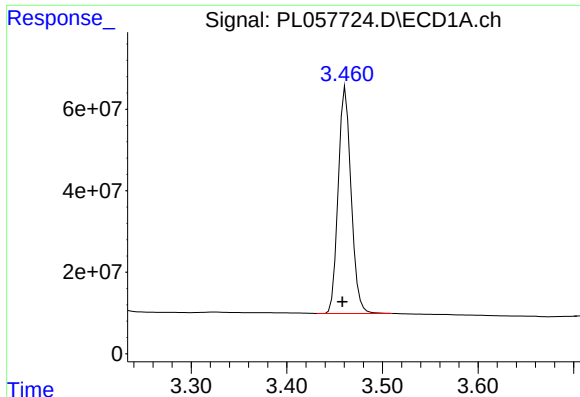
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 02 00:57:18 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031420.M  
Quant Title : GC Extractables  
QLast Update : Mon Mar 16 09:40:37 2020  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





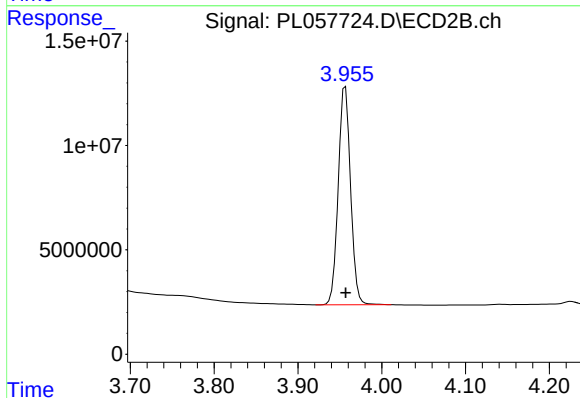
#1 Tetrachloro-m-xylene

R.T.: 3.461 min  
Delta R.T.: 0.003 min  
Response: 519830040  
Conc: 56.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

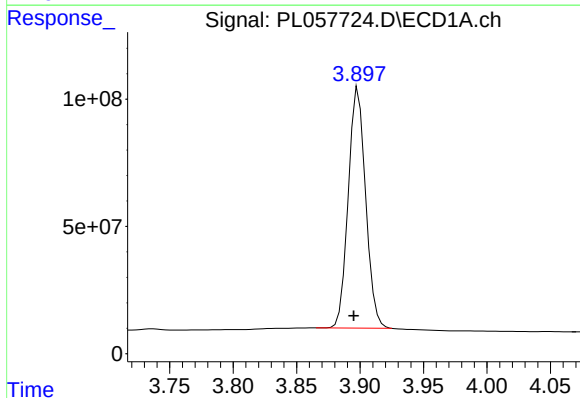
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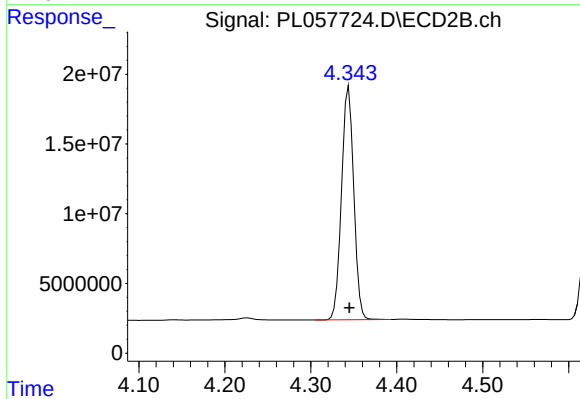
#1 Tetrachloro-m-xylene

R.T.: 3.957 min  
Delta R.T.: 0.000 min  
Response: 106889013  
Conc: 49.27 ng/ml



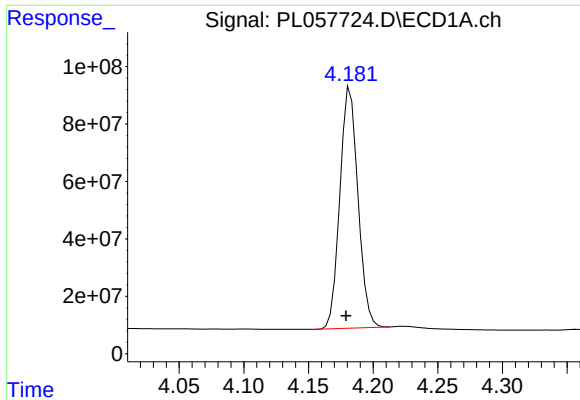
#2 alpha-BHC

R.T.: 3.899 min  
Delta R.T.: 0.004 min  
Response: 898636796  
Conc: 56.41 ng/ml



#2 alpha-BHC

R.T.: 4.344 min  
Delta R.T.: 0.000 min  
Response: 165346340  
Conc: 51.48 ng/ml



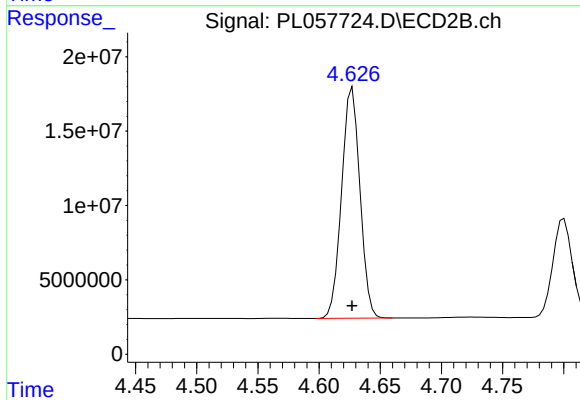
#3 gamma-BHC (Lindane)

R.T.: 4.182 min  
Delta R.T.: 0.003 min  
Response: 815722054  
Conc: 56.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

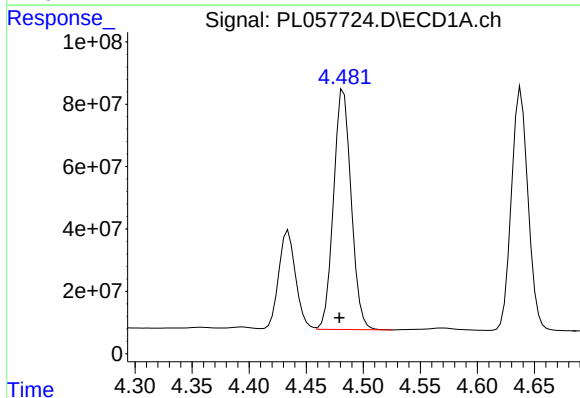
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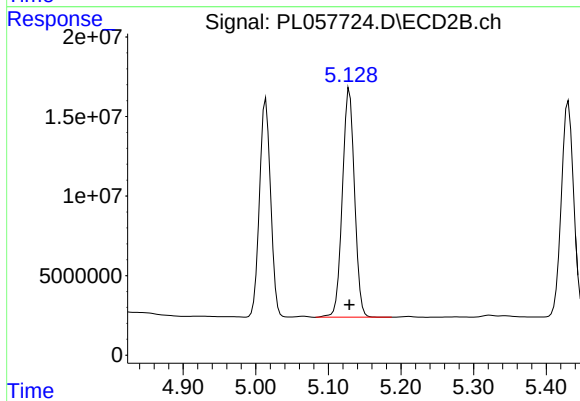
#3 gamma-BHC (Lindane)

R.T.: 4.627 min  
Delta R.T.: 0.000 min  
Response: 161866890  
Conc: 51.59 ng/ml



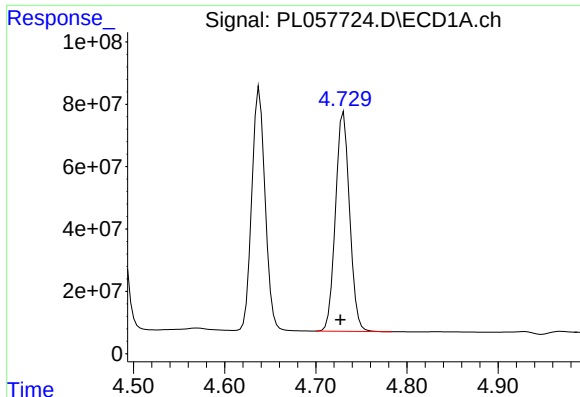
#4 Heptachlor

R.T.: 4.483 min  
Delta R.T.: 0.004 min  
Response: 828140559  
Conc: 55.76 ng/ml



#4 Heptachlor

R.T.: 5.129 min  
Delta R.T.: 0.000 min  
Response: 167086720  
Conc: 53.08 ng/ml



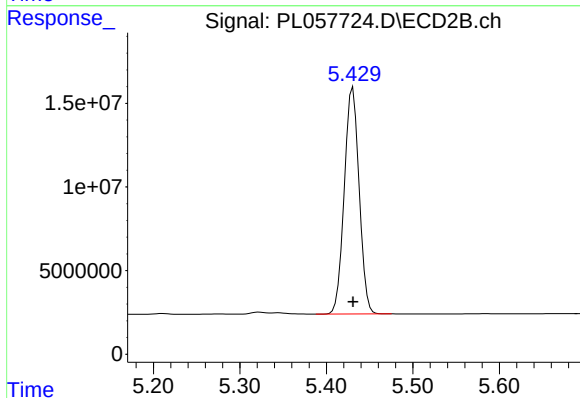
#5 Aldrin

R.T.: 4.731 min  
Delta R.T.: 0.004 min  
Response: 758616415  
Conc: 54.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

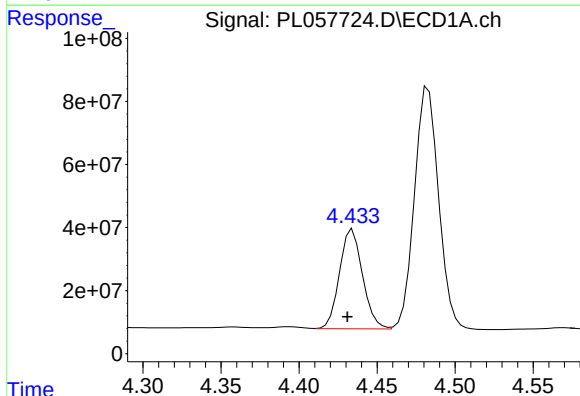
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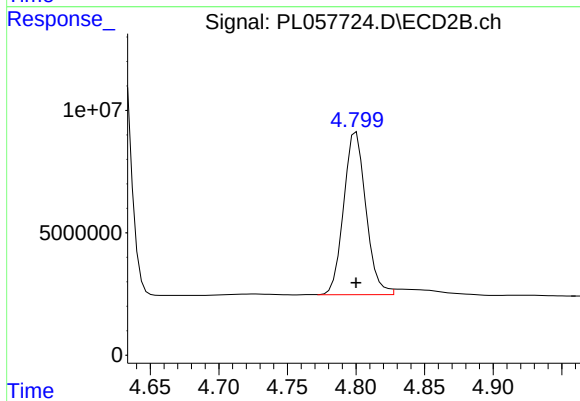
#5 Aldrin

R.T.: 5.431 min  
Delta R.T.: 0.000 min  
Response: 160642037  
Conc: 52.66 ng/ml



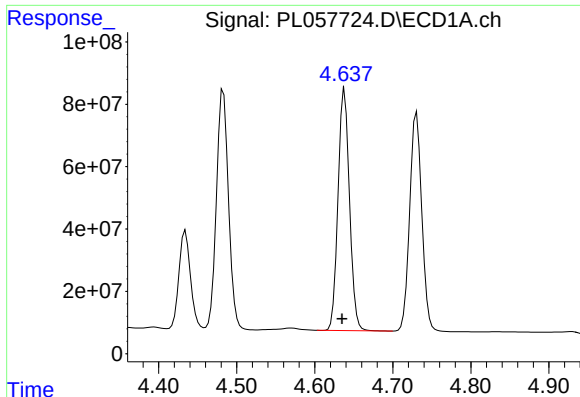
#6 beta-BHC

R.T.: 4.434 min  
Delta R.T.: 0.003 min  
Response: 324840193  
Conc: 55.25 ng/ml



#6 beta-BHC

R.T.: 4.799 min  
Delta R.T.: -0.001 min  
Response: 75359714  
Conc: 52.25 ng/ml m



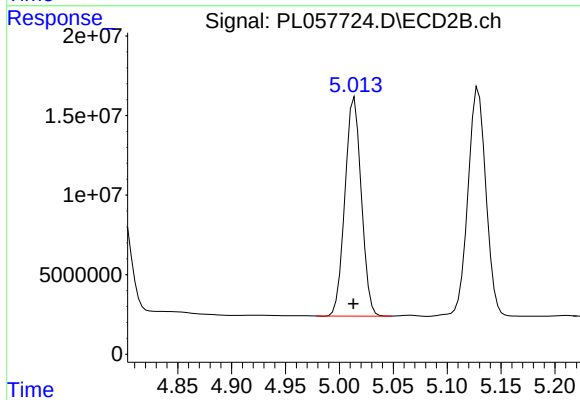
#7 delta-BHC

R.T.: 4.638 min  
Delta R.T.: 0.003 min  
Response: 790878343  
Conc: 56.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

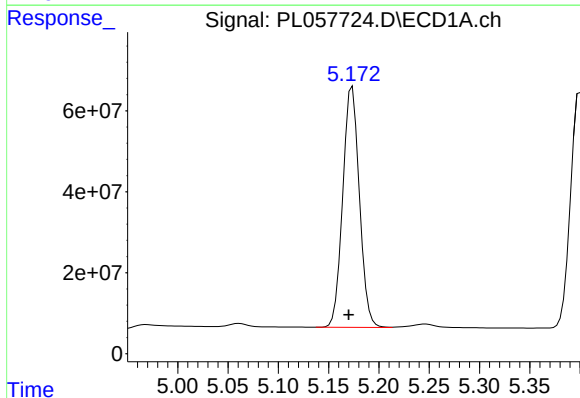
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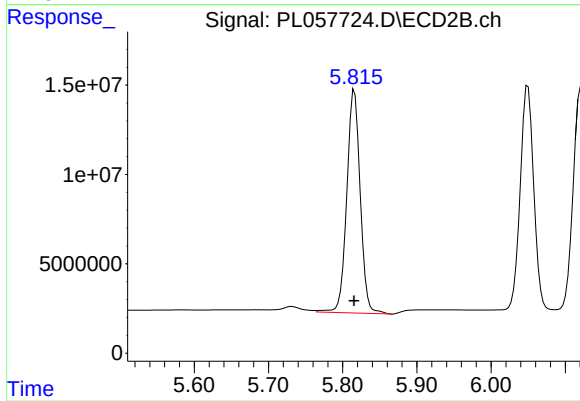
#7 delta-BHC

R.T.: 5.014 min  
Delta R.T.: 0.001 min  
Response: 145689601  
Conc: 55.64 ng/ml



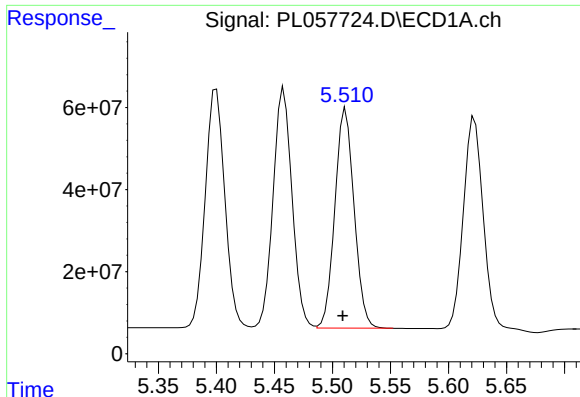
#8 Heptachlor epoxide

R.T.: 5.174 min  
Delta R.T.: 0.004 min  
Response: 682851386  
Conc: 53.28 ng/ml



#8 Heptachlor epoxide

R.T.: 5.816 min  
Delta R.T.: 0.000 min  
Response: 157325848  
Conc: 57.66 ng/ml



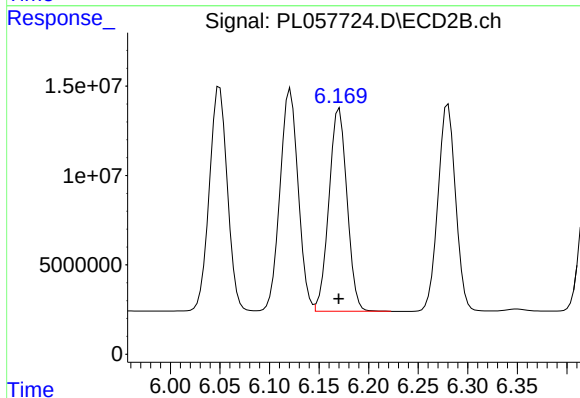
#9 Endosulfan I

R.T.: 5.511 min  
Delta R.T.: 0.002 min  
Response: 617677492  
Conc: 51.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

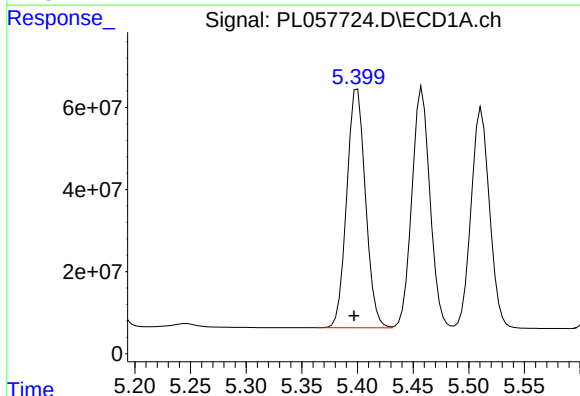
Manual Integrations  
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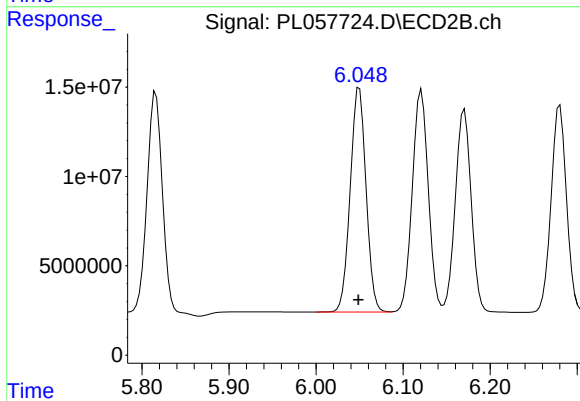
#9 Endosulfan I

R.T.: 6.170 min  
Delta R.T.: 0.000 min  
Response: 144101077  
Conc: 50.65 ng/ml



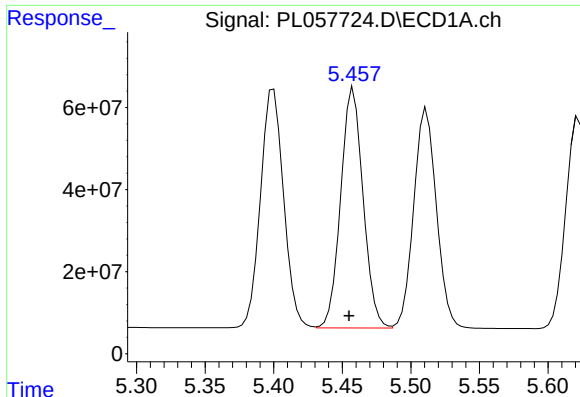
#10 gamma-Chlordane

R.T.: 5.400 min  
Delta R.T.: 0.003 min  
Response: 682784255  
Conc: 52.36 ng/ml



#10 gamma-Chlordane

R.T.: 6.050 min  
Delta R.T.: 0.001 min  
Response: 158994139  
Conc: 51.59 ng/ml



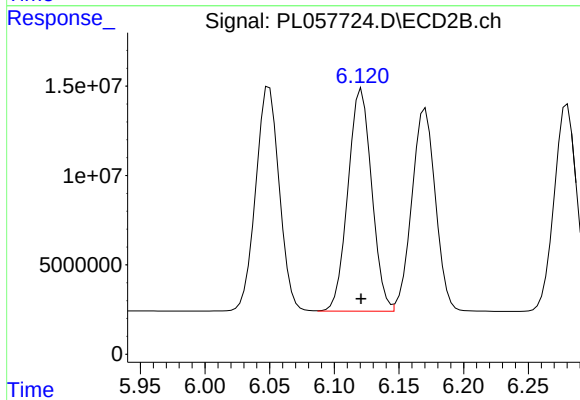
#11 alpha-Chlordane

R.T.: 5.458 min  
Delta R.T.: 0.003 min  
Response: 665135315  
Conc: 51.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

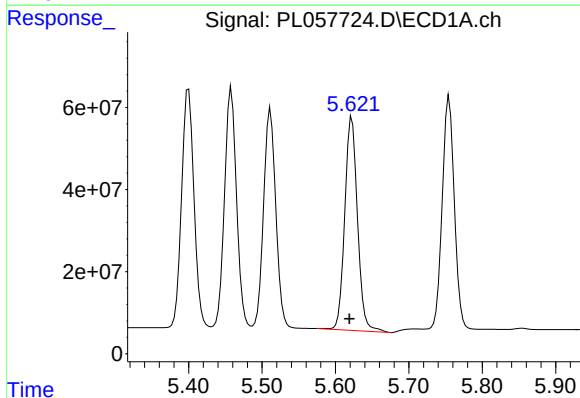
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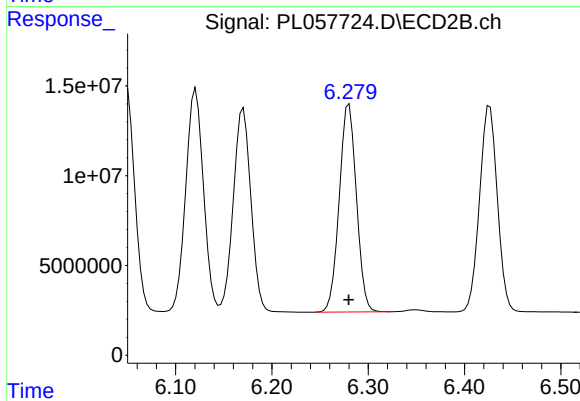
#11 alpha-Chlordane

R.T.: 6.121 min  
Delta R.T.: 0.000 min  
Response: 158970624  
Conc: 51.07 ng/ml



#12 4,4'-DDE

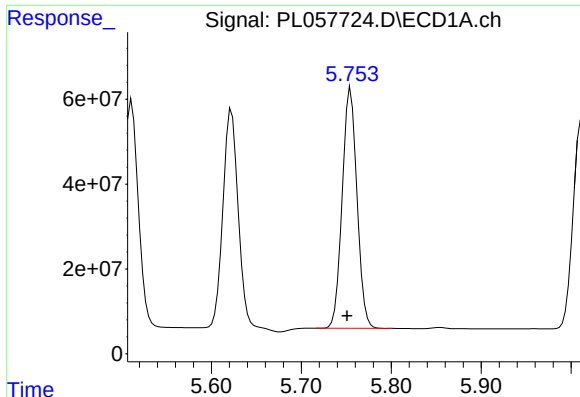
R.T.: 5.622 min  
Delta R.T.: 0.003 min  
Response: 628593971  
Conc: 50.47 ng/ml



#12 4,4'-DDE

R.T.: 6.280 min  
Delta R.T.: 0.000 min  
Response: 143048043  
Conc: 50.33 ng/ml





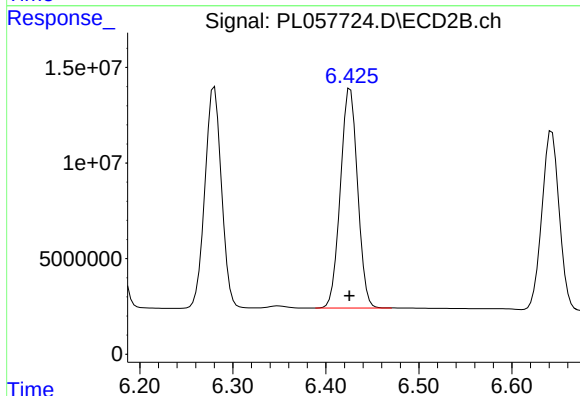
#13 Dieldrin

R.T.: 5.755 min  
Delta R.T.: 0.004 min  
Response: 647406410  
Conc: 51.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

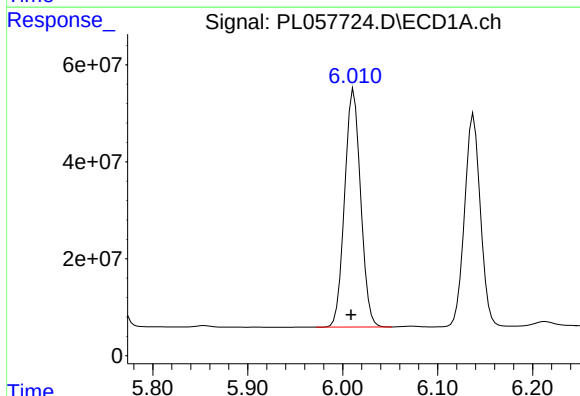
Manual Integrations  
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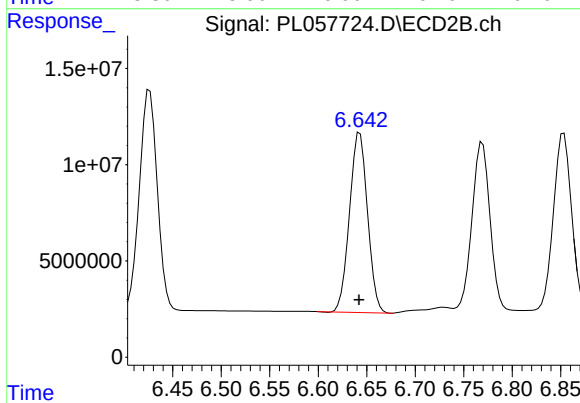
#13 Dieldrin

R.T.: 6.426 min  
Delta R.T.: 0.001 min  
Response: 147849629  
Conc: 49.98 ng/ml



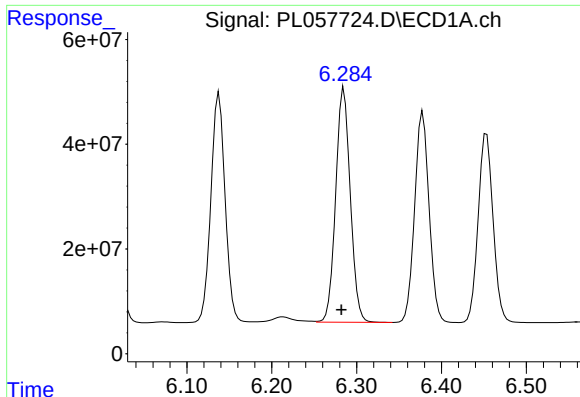
#14 Endrin

R.T.: 6.012 min  
Delta R.T.: 0.003 min  
Response: 575836319  
Conc: 50.37 ng/ml



#14 Endrin

R.T.: 6.643 min  
Delta R.T.: 0.000 min  
Response: 120816331  
Conc: 50.07 ng/ml



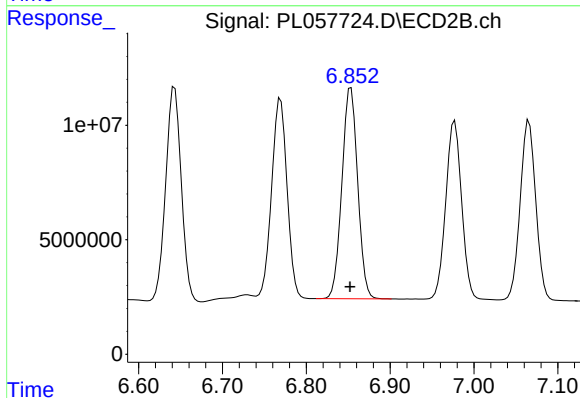
#15 Endosulfan II

R.T.: 6.285 min  
Delta R.T.: 0.003 min  
Response: 534666775  
Conc: 49.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

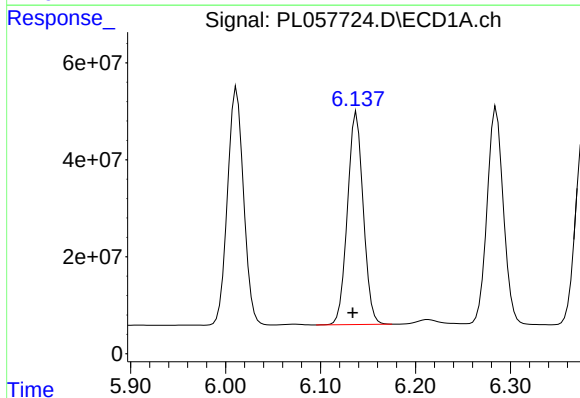
Manual Integrations  
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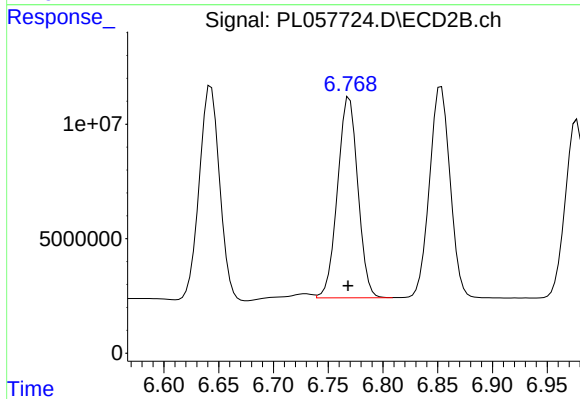
#15 Endosulfan II

R.T.: 6.853 min  
Delta R.T.: 0.000 min  
Response: 120463894  
Conc: 45.86 ng/ml



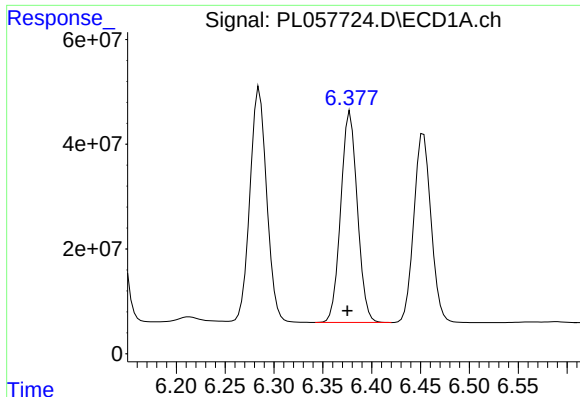
#16 4,4'-DDD

R.T.: 6.138 min  
Delta R.T.: 0.004 min  
Response: 506378263  
Conc: 51.66 ng/ml



#16 4,4'-DDD

R.T.: 6.768 min  
Delta R.T.: 0.000 min  
Response: 113161034  
Conc: 49.55 ng/ml m



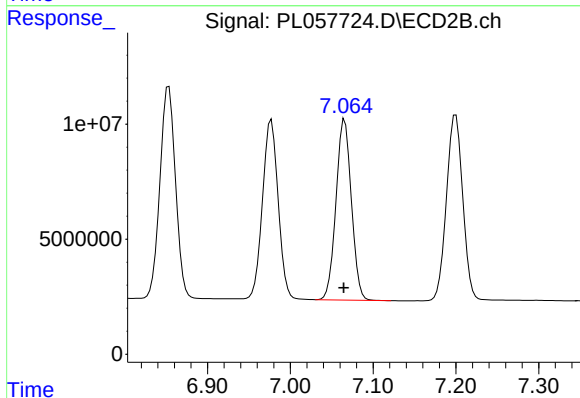
#17 4,4'-DDT

R.T.: 6.378 min  
Delta R.T.: 0.003 min  
Response: 476855389  
Conc: 47.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

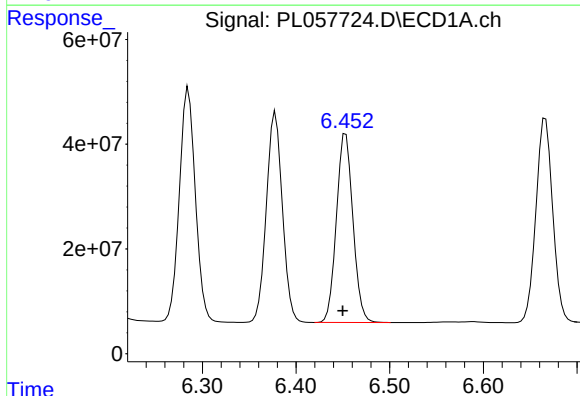
Manual Integrations  
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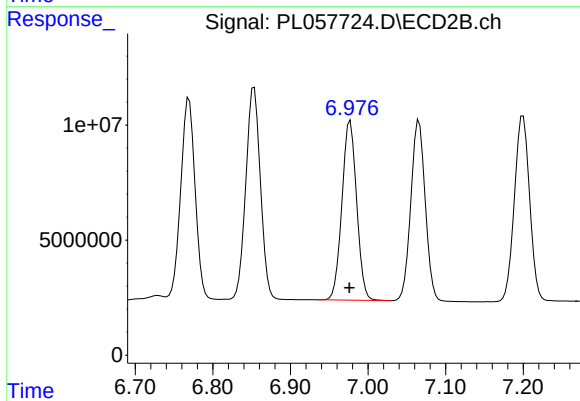
#17 4,4'-DDT

R.T.: 7.066 min  
Delta R.T.: 0.001 min  
Response: 101568980  
Conc: 44.59 ng/ml



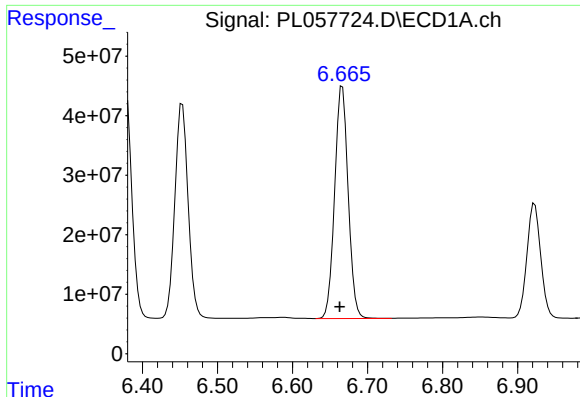
#18 Endrin aldehyde

R.T.: 6.453 min  
Delta R.T.: 0.003 min  
Response: 441959402  
Conc: 47.86 ng/ml



#18 Endrin aldehyde

R.T.: 6.977 min  
Delta R.T.: 0.001 min  
Response: 102701539  
Conc: 46.20 ng/ml



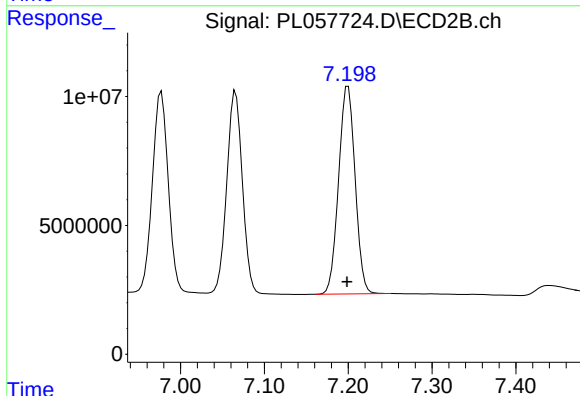
#19 Endosulfan Sulfate

R.T.: 6.666 min  
Delta R.T.: 0.003 min  
Response: 488833375  
Conc: 48.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

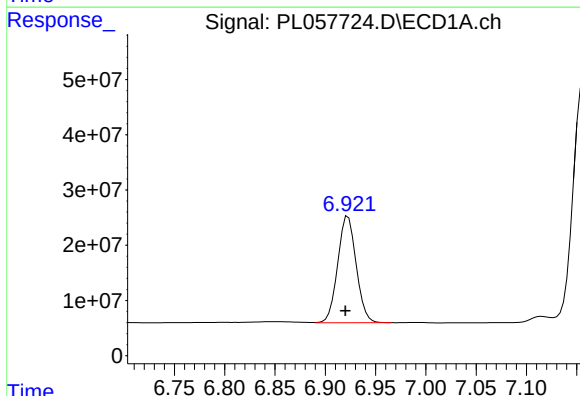
Manual Integrations  
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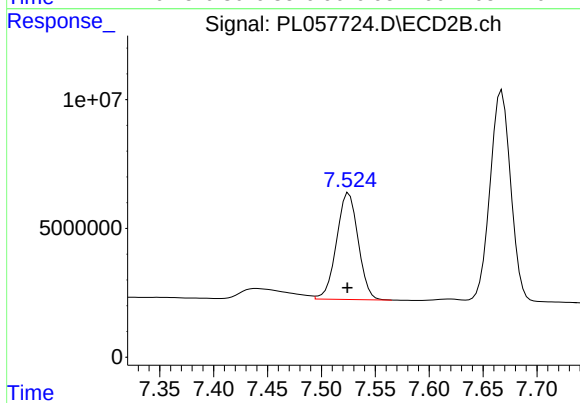
#19 Endosulfan Sulfate

R.T.: 7.200 min  
Delta R.T.: 0.001 min  
Response: 110353452  
Conc: 45.24 ng/ml



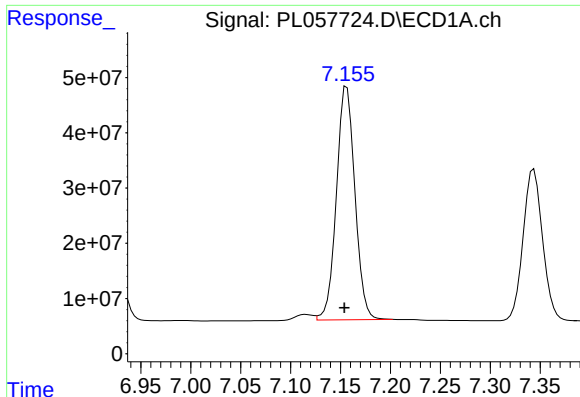
#20 Methoxychlor

R.T.: 6.923 min  
Delta R.T.: 0.003 min  
Response: 246122799  
Conc: 45.87 ng/ml



#20 Methoxychlor

R.T.: 7.524 min  
Delta R.T.: 0.000 min  
Response: 57678043  
Conc: 44.35 ng/ml m



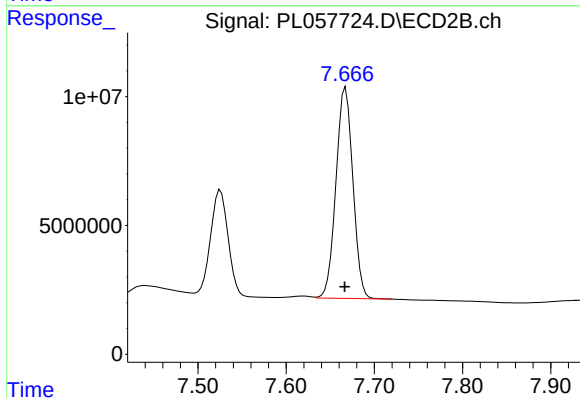
#21 Endrin ketone

R.T.: 7.156 min  
Delta R.T.: 0.002 min  
Response: 544904890  
Conc: 48.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

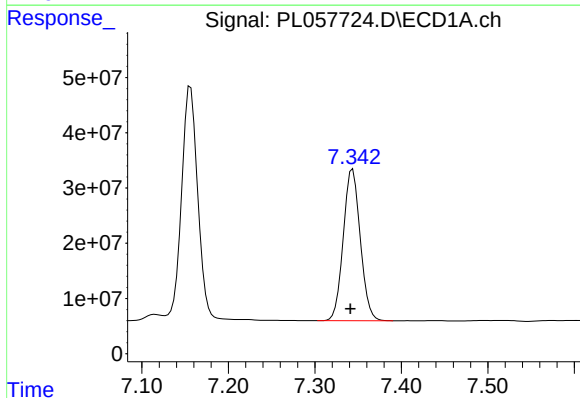
Manual Integrations  
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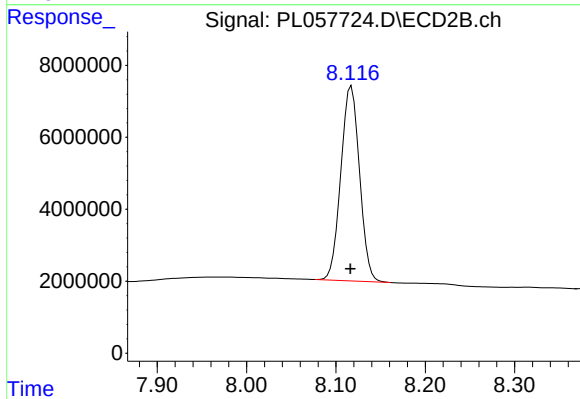
#21 Endrin ketone

R.T.: 7.667 min  
Delta R.T.: 0.001 min  
Response: 109301481  
Conc: 42.22 ng/ml



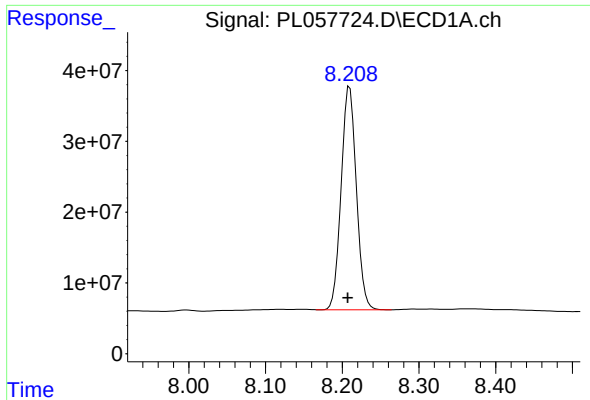
#22 Mirex

R.T.: 7.344 min  
Delta R.T.: 0.003 min  
Response: 372081513  
Conc: 45.94 ng/ml



#22 Mirex

R.T.: 8.117 min  
Delta R.T.: 0.001 min  
Response: 78728798  
Conc: 41.23 ng/ml



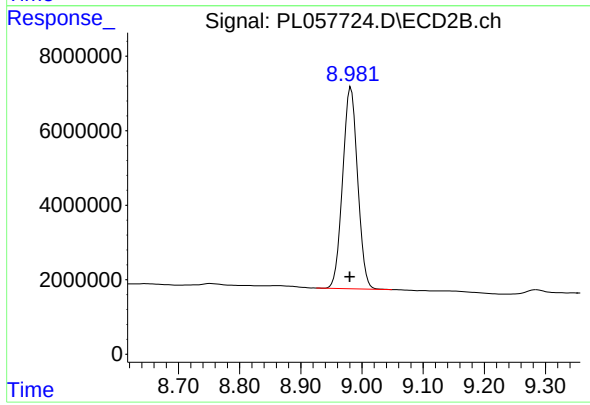
#28 Decachlorobiphenyl

R.T.: 8.210 min  
Delta R.T.: 0.003 min  
Response: 435072027  
Conc: 41.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 8.982 min  
Delta R.T.: 0.002 min  
Response: 91945031  
Conc: 41.47 ng/ml